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GARAGE DOOR OPERATOR SAFETY APPARATUS

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ABSTRACT OF THE DISCLOSURE

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A garage door opening and closing apparatus having improved operational safety is disclosed. apparatus includes a control/circuit which responds to a number of input stimuli to generate commands to open and close a garage door as well as to stop garage door Three relays respond to the commands via drivcircuitry to actually connect door operating voltages to the windings of a door controlling motor. redundancies in the operation of the three relays, faults in the operation of those relays result in safe door operating conditions. Additionally, the control circuitry upon issuing a door stop command, performs a test to determine whether or not the door is still moving. / If the door is still moving, door up commands are generated by the control circuitry to place the door in a/safe position.

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